

# EXHAUSTING STRUCTURE FOR REAR PROJECTION TELEVISION

## Abstract

An exhausting structure used in a rear projection TV has a ventilating chamber inside a casing of the TV to separate an optical engine from the casing. A fan is mounted in the ventilating chamber near the optical engine to ventilate the heat from the inside of the TV via a conduit and an outlet. The fan is isolated from outside of the TV to reduce any noise generated from the fan.